

Updated

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	249	425/378.2.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/08/03 09:43
L2	950	425/464.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/08/03 09:43
L3	369	425/174.8R.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/08/03 09:43
L4	382	425/174.8E.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/08/03 09:43
L5	157	425/DIG.217.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/08/03 09:43
L6	175	L1 not (I2 or I3 or I4 or I5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/08/03 09:44
L7	858	L2 not (I1 or I3 or I4 or I5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/08/03 10:00
L8	321	L3 not (I1 or I2 or I4 or I5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/08/03 10:01
L9	328	L4 not (I1 or I2 or I3 or I5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/08/03 10:12

## EAST Search History

L10	141	L5 not (l1 or l2 or l3 or l4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/08/03 10:26
L11	9	("3781949"   "4096226"   "4319388"   "4522774"   "4993130"   "5060345"   "5487860"   "5804115"   "6113825").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/03 09:51
L12	3	("6447703").URPN.	USPAT	OR	OFF	2007/08/03 09:51
L13	1	L7 and electrospinning	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/08/03 10:00
L14	10	("1975504"   "2158416"   "2323025"   "2338570"   "3689608"   "5064577").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/03 10:07
L15	6	"6641773"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/03 10:07
L16	15	("5254297").URPN.	USPAT	OR	OFF	2007/08/03 10:18
L17	8	("4668448").URPN.	USPAT	OR	OFF	2007/08/03 10:21
L18	16	("4208366").URPN.	USPAT	OR	OFF	2007/08/03 10:23
L19	0	"264"/\$.ccls. and ((charged near solution) and electrospin\$4)	USPAT	OR	OFF	2007/08/03 10:28
L20	9	"264"/\$.ccls. and ((charged near solution) and electrospin\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/08/03 10:32
L21	96	264/441.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/08/03 11:23
L22	35	(charged near solution) and electrospinning	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/08/03 11:25
L23	2	("4994335").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/08/03 11:26

## EAST Search History

L24	4	("20060063803" "6140342").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/08/03 11:26
L34	12	("20020084178" "20030177909" "20040096533" "20040096533" "20050087288" "3535588" "3689608" "4215682" "4233014" "4778634" "5296172" "5397413" "6709623").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/03 12:24
L35	8	("3535588").URPN.	USPAT	OR	OFF	2007/08/03 12:23
L36	65	("1975504" "2048651" "2160962" "2187305" "2323025" "2338570" "2349950" "20010045547" "20020007869" "20020042128" "20020084178" "20020090725" "20020100725" "20020122840" "20020124953" "20020128680" "20020150669" "20020173213" "20020175449" "20030017208" "20030054035" "20030100944" "20030106294" "20040070118" "3280229" "3475198" "3490115" "3670486" "3689608" "3901012" "3994258" "4044404" "4127706" "4230650" "4323525" "4345414" "4468922" "4486365" "4552707" "4618524" "4689186" "4878908" "4965110" "4985186" "5024789" "5088807" "5522879" "5690973" "5866217" "6099960" "6106913" "6110590" "6265333" "6265466" "6306424" "6308509" "6375886" "6382526" "6395046" "6486379" "6492574" "6520425" "6554881" "6558422" "0705691").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/03 12:32
L37	23	("20010046599" "20020012793" "20020096246" "20030106294" "20030129909" "20040028931" "3081519" "3227794" "4043331" "4127706" "4536361" "4966808" "5032326" "5124194" "5147586" "5250237" "5290626" "5447788" "5817584" "5935883" "6110590" "6656394" "6838399").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/03 12:32
S1	1	"6685956"	USPAT	OR	OFF	2007/01/31 13:45
S2	4	("6616435" "6656394" "6713011" "6753454").PN.	USPAT	OR	OFF	2007/01/30 16:05
S3	1	("6616435").URPN.	USPAT	OR	OFF	2007/01/30 16:13
S4	0	electrospinning with heat	USPAT	OR	OFF	2007/01/30 16:13
S5	0	(lectrospinning with heat)	USPAT	OR	OFF	2007/01/30 16:13
S6	0	(electrospinning with heat)	USPAT	OR	OFF	2007/01/30 16:13

## EAST Search History

S7	17	(electrospinning with heat)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2007/01/30 16:13
S8	17	("20020042128" "20020133224" "4044404" "4323525" "4474630" "4475972" "4689186" "4842505" "4878908" "4883453" "5522879" "5653747" "5840240" "5871538" "5948018" "6165212" "6165217" "6312457" "6312463").PN.	USPAT	OR	OFF	2007/01/30 16:21
S9	12	S8 and heat\$3	USPAT	OR	OFF	2007/01/30 16:27
S10	5	electrospinning and heater	USPAT	OR	OFF	2007/01/31 13:48
S11	22	("1974504"   "2265742"   "4011067"   "4043331"   "4044404"   "4069026"   "4127706"   "4255777"   "4991774"   "5093602"   "5378957"   "5391958"   "5478266"   "6106913"   "6161785"   "6183670"   "6206307"   "6227465"   "6269513"   "6315806").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 16:29
S12	3	S11 and heater	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 16:29
S13	180	425/174.6.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/31 09:02
S14	945	425/464.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/31 09:02
S15	246	425/378.2.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/31 09:03
S16	451	425/83.1.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/31 09:03
S17	178	S13 not (S14 or S15 or S16)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/31 09:03

## EAST Search History

S18	864	S14 not ("I2" or S15 or S16)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/31 09:03
S19	178	S13 not (S14 or S15 or S16)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/31 09:04
S20	867	S14 not (S13 or S15 or S16)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/31 09:11
S21	173	S15 not (S13 or S14 or S16)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/31 09:03
S22	442	S16 not (S13 or S14 or S15)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/31 09:13
S23	3	S18 and electrospinning	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/31 09:11
S24	1	S21 and electrospinning	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/31 09:12
S25	0	S22 and electrospinning	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/31 09:13
S26	0	S22 and electrospun	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/31 09:13
S27	4	"6382526"	USPAT	OR	OFF	2007/01/31 09:15

## EAST Search History

S28	11	("4167548"   "4734227"   "4815660"   "4891249"   "5273212"   "5421921"   "5476616"   "5589152"   "5613637"   "5617997"   "5654040").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/31 09:16
S29	0	"20010046599"	USPAT	OR	OFF	2007/01/31 13:45
S30	1	"20010046599"	US-PGPUB	OR	OFF	2007/01/31 13:46
S31	1	(electrospinning and ("infrared heater" with fiber)).	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/31 13:47
S32	1	(electrospinning and (heater with fiber))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/31 13:47
S33	1194	(heater with collector)	USPAT	OR	OFF	2007/01/31 13:49
S34	0	S33 and electrospinning	USPAT	OR	OFF	2007/01/31 13:49
S35	0	(heater with collector) and electrospin\$5	USPAT	OR	OFF	2007/01/31 13:49
S36	3	(heat\$3 with collector) and electrospin\$5	USPAT	OR	OFF	2007/01/31 13:50
S37	37	(heat\$3 with nanofiber)	USPAT	OR	OFF	2007/01/31 13:50
S38	2	("5227172" "6308509").PN.	USPAT	OR	OFF	2007/02/01 11:59
S39	19	("5227172").URPN.	USPAT	OR	OFF	2007/02/01 12:07
S40	157	425/DIG.217.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/01 12:10
S41	0	425/174.8.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/01 12:10
S42	363	425/174.8R.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/01 12:11
S43	451	425/83.1.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/01 12:11

## EAST Search History

S44	157	S40 not (S42 or S43)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/01 12:11
S45	363	S42 not (S40 or S43)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/01 12:28
S46	451	S43 not (S40 or S42)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/01 12:11
S47	246	425/378.2.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/01 12:31
S48	19	("5227172").URPN.	USPAT	OR	OFF	2007/02/01 13:37
S49	6	("4875846").URPN.	USPAT	OR	OFF	2007/02/01 13:38
S50	61	("1310509"   "3379811"   "3437725"   "3441468"   "3692618"   "3737506"   "3755527"   "3758658"   "3802817"   "3825379"   "3825380"   "3849241"   "3888610"   "3954361"   "3970417"   "4119420"   "4168138"   "4295809"   "4380570"   "4486161"   "4818463"   "4818466"   "4826415"   "4826416"   "4847035"   "4855179"   "4889476"   "4986743"   "5017112"   "5098636"   "5112562"   "5122048"   "5160746"   "5165940"   "5171512"   "5286162"   "5405559"   "5445785"   "5476616"   "5523033"   "5652048"   "5679379"   "5688468"   "5725812"   "5902540"   "5935512"   "5951942"   "6013223"   "6168409"   "6244845"   "6247911"   "6306334"   "6364647"   "6491507").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/01 15:00
S51	88	spinneret with plastic	USPAT	OR	OFF	2007/02/01 15:05
S52	27	(spinneret and (nozzle with plastic))	USPAT	OR	OFF	2007/02/01 15:05

## EAST Search History

S53	22	("1974504"   "2265742"   "4011067"   "4043331"   "4044404"   "4069026"   "4127706"   "4255777"   "4991774"   "5093602"   "5378957"   "5391958"   "5478266"   "6106913"   "6161785"   "6183670"   "6206307"   "6227465"   "6269513"   "6315806").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/01 15:19
S54	26	"6308509" "5227172"	USPAT	OR	OFF	2007/08/02 14:45
S55	61	("1975504" "2048651" "2160962" "2187306" "2323025" "2349950" "20010045547" "20020007869" "20020042128" "20020084178" "20020090725" "20020100725" "20020122840" "20020124953" "20020128680" "20020150669" "20020173213" "20020175449" "20030017208" "20030054035" "20030100944" "20030106294" "3280229" "3475198" "3490115" "3670486" "3901012" "3994258" "4044404" "4127706" "4230650" "4323525" "4345414" "4468922" "4552707" "4618524" "4650506" "4689186" "4878908" "4965110" "5024789" "5088807" "5522879" "5807436" "5866217" "6099960" "6106913" "6110590" "6265333" "6265466" "6306424" "6308509" "6375886" "6382526" "6395046" "6486379" "6492574" "6520425" "6554881" "6558422" "0705691").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/02 15:46
S56	411	425/174.8E	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/08/02 15:47



## EAST Search History

S57	115	("20010020652"   "20020002395"   "20020081732"   "20030191519"   "2491889"   "3280229"   "3425418"   "3625745"   "3688317"   "3860369"   "4044404"   "4159640"   "4223101"   "4323525"   "4345414"   "4368277"   "4475972"   "4524036"   "4657793"   "4689186"   "4738740"   "4739013"   "4743252"   "4759757"   "4769030"   "4798606"   "4802145"   "4842505"   "4872455"   "4878908"   "4880002"   "4904174"   "4905367"   "4965110"   "4990158"   "4997600"   "5019090"   "5024671"   "5024789"   "5084065"   "5092877"   "5116360"   "5133742"   "5147725"   "5226913"   "5298255"   "5334201"   "5360397"   "5376117"   "5383922"   "5383928"   "5415664"   "5419760"   "5545208"   "5549663"   "5554722"   "5558809"   "5575818"   "5591227"   "5609629"   "5624411"   "5627368"   "5628788"   "5632772"   "5637113"   "5639278"   "5653747"   "5697967"   "5700269"   "5723004"   "5725567"   "5726107"   "5733327"   "5741333"   "5749921"   "5755722"   "5755774"   "5766710"   "5797887"   "5824048"   "5824049"   "5837008"   "5843172"   "5849037"   "5855598"   "5871538"   "5900246"   "5928247"   "5938697"   "5948018"   "5968070"   "5968091"   "5980551"   "5980972"   "6001125"   "6004346"   "6013099"   "6017362"   "6019789"   "6023170"   "6102212"   "6102939"   "6106913"   "6117425"   "6165212"   "6252129"   "6265333"   "6270793"   "6306424"   "6308509"   "6309413"   "6604925").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/02 15:47
S58	40	("3860369").URPN.	USPAT	OR	OFF	2007/08/02 15:53